Drainage Pump Station 1 (suggest Conhagen as maintenance vendor)

Vertical Pump #2: Impeller failed and off shaft, anticipated damage to shaft. Once impeller was dropped, shaft stopped turning. Do not know condition of shaft or impeller. Need to assess both shaft and impeller.

Constant Duty #1: Bearing failure. Pump was dismantled as a part of overall bearing replacement, problems found include issue with where bearing is seated, outside of scope of original repair and work stopped. All parts are in the pit.

Additional identified scope from field walk with vendor:

SWB Maintenance representative:

Contractor contact information:

Expedited delivery schedule is 24x7 with immediate mobilization (24h or less). A proposal is required for the identified scope of the station. The Sewerage and Water Board requires 12 hour updates, 7 days/week provided to the designated Sewerage and Water Board contact. The SWB is requesting a DBE goal of 10%, advise how you may meet this goal. A schedule is required and schedule is updated at the end of each 12 hour shift. Testing documents will be required for submittal to SWBNO.

Vendor must also include the following information with their proposal:

Insurance Policy

Performance Bond

EDBP Summary Sheet & corresponding letters from subs (10% Goal)

Pricing

Proposal to be provided to wmingo@swbno.org, vfouchi@swbno.org, yahya.rokayak@ch2m.com

Drainage Pump Station 11 (suggest Conhagen as maintenance vendor)

Drainage Pump D: requires re-assembly, checking alignment from pump to motor, coupled up and reassembled. Void in impeller potentially unbalanced and stripped bearing. Requires field balancing after reassembly and conformance with specs

Drainage Pump E: Potentially has same issue as D, requires bearing inspection

Additional identified scope from field walk with vendor:

SWB Maintenance representative:

Contractor contact information:

Expedited delivery schedule is 24x7 with immediate mobilization (24h or less). A proposal is required for the identified scope of the station. The Sewerage and Water Board requires 12 hour updates, 7 days/week provided to the designated Sewerage and Water Board contact. The SWB is requesting a DBE goal of 10%, advise how you may meet this goal. A schedule is required and schedule is updated at the end of each 12 hour shift. Testing documents will be required for submittal to SWBNO.

Vendor must also include the following information with their proposal:

Insurance Policy

Performance Bond

EDBP Summary Sheet & corresponding letters from subs (10% Goal)

Pricing

Proposal to be provided to wmingo@swbno.org, vfouchi@swbno.org, yahya.rokayak@ch2m.com

Conhagen®
Rotating Equipment Specialists

ALFRED CONHAGEN, INC. of LOUISIANA
1020 Industry Road, Kenner, Louisiana. 70062
Phone 504 471-9998 Fax 504 471-9958
www.conhagen.com

August 13, 2017

SWBNO
Attention: Ms. Jill Villio

Ref.: Emergency Pump Repairs
Conhagen Scope and Pricing Rev.1

Ms. Villio,

Following are brief scopes of work for the pumps shown to us today. We will attempt to have a more detailed scope and pricing estimate to you shortly. We will work all pumps simultaneously, multiple shifts, and weekends.

DPS #1 Vertical Pump #2

- Mobilize to Station with Tools and Equipment
- Verify Pump is Locked out and Tagged out
- Remove Motor from Pump
- Inspect Runouts on Motor
- Remove All Structural Steel as Needed
- Disconnect all Auxiliaries
- Disassemble Pump
- Transport all Components to Conhagen Shop
- Inspect all Components
- Repair Pump
- Transport Pump back to Station
- Assemble Pump
- Connect All Auxiliaries
- Install Repaired and Painted Structural Components
- Install Motor
- Align Motor to Pump
- Hook up Motor Electrically
- Check Motor Rotation
- Couple Motor to Pump
- Test Run Pump

Estimated Cost.....$189,700.00
Estimated Time ..... 3-4 weeks

DPS#1 CD Pump #1

- Mobilize to Station with Tools and Equipment
- Verify Pump is Locked out and Tagged out
- Remove Gearbox from Pump
- Inspect Runouts on Motor
- Remove All Structural Steel as Needed
- Disconnect all Auxillaries
- Disassemble Pump
- Transport all Components to Conhagen Shop
- Inspect all Components
- Repair Pump and Gearbox
- Transport Pump and Gearbox back to Station
- Assemble Pump
- Connect All Auxiliaries
- Install Repaired and Painted Structural Components
- Install Gearbox
- Align Gearbox to Pump and Couple
- Install Motor
- Align Motor to Gearbox
- Hook up Motor Electrically
- Check Motor Rotation
- Couple Motor to Gearbox
- Test Run Pump

Estimated Cost.....$221,700.00
Estimated Time ..... 3-4 weeks

DPS#11 Pump #D

- Mobilize to Station with Tools and Equipment
- Verify Pump is Locked out and Tagged out
- Install Thrust Bearings on Shaft
- Assemble Thrust Bearing Housing
- Install Pump Rotor in Casing
- Align Rotor to Casing and Gearbox
- Couple Rotor to Gearbox
- Run Pump and Check for Vibrations
- Field Balance Rotor
- Complete Assembly of Pump
- Install Packing and Seals
- Install Trash Cutter
- Install Structural Steel
- Install Vacuum Piping

- Install Lube Oil Piping
- Prepare Pump to Run
- Test Run Pump

Estimated Cost..... $97,000.00
Estimated Time ..... 8-10 Days

DPS#11 Pump #E

- After Pump D is running
- Mobilize to Station with Tools and Equipment
- Verify Pump is Locked out and Tagged out
- Remove Structural Steel
- Remove Vacuum Piping and other Auxiliaries
- Remove Lube Oil Piping
- Disassemble Pump Casing
- Remove Rotor from Casing
- Disassemble Thrust Bearing
- Remove Inner Packing Sleeve
- Remove and Repair Impeller Back Plate
- Seal and Install Impeller Back Plate
- Manufacture and Install new Packing Sleeve
- Install New Thrust End Bearings (SWBNO furnished)
- Assemble New (SWBNO furnished) Thrust End Bearing Housing
- Furnish All new Packing, Sealants and Gaskets
- Install Pump Rotor in Casing
- Align Rotor to Casing and Gearbox
- Couple Rotor to Gearbox
- Run Pump and Check for Vibrations
- Field Balance Rotor
- Complete Assembly of Pump
- Install Packing and Seals
- Install Trash Cutter
- Install Structural Steel
- Install Vacuum Piping
- Install Lube Oil Piping
- Prepare Pump to Run
- Test Run Pump

Estimated Cost.....$ 151,500.00
Estimated Time ..... 2-3 weeks after completion of Pump D

ECONOMICALLY DISADVANTAGED BUSINESS PARTICIPATION SUMMARY SHEET

Minimum Percentage Goal Participation for this Contract is 10 %

Contract Name EMERGENCY PUMP REPAIRS - DPS # 1 & # 11

Name and Address of Disadvantaged Business Enterprise Company	Name of Contact Person	Scope of Work to be Performed	Dollar Amount of work to be performed	Percentage of Dollar Amount to Total Bid Price
J L CONSTRUCTION GROUP 3024 TIFTON ST KENNER, LA 70065	DeCHRIS BRANCH	GENERAL CONSTRUCTION SERVICES AND LABOR SUPPORT	70,000	10%

THIS FORM MUST BE COMPLETED AND SUBMITTED BY ALL BIDDERS, ALONG WITH CORRESPONDENCE FROM SLDBE(S) ON THEIR OWN LETTERHEAD REAFFIRMING NEGOTIATED TERMS, AT TIME OF BID

BY SUBMITTAL OF THIS FORM, PRIME CONTRACTOR ACKNOWLEDGES THAT DBE(S) HAVE BEEN CONTACTED AND A FIRM PRICE HAS BEEN OBTAINED.

NOTE: Signature required even if judged NOT APPLICABLE by the BIDDER

Prime Name: ERIC HEIDINGSFELDER
Print Name

Prime Company's Name: ALFRED CONHAGEN INC OF LA

Prime Address: 1020 INDUSTRY ROAD
KENNER, LA 70062

Prime Signature: _____
Signature

Date: 8/17/17

E-mail: eheid@conhagen.com

Telephone Number: 504 471 9998